

## Greater Portland Clean Cities Program

Designation Number	Date	Participating DOE Official
56	September 4, 1997	Richard Mooror, Associate Deputy Assistant Secretary for Transportation Technologies

### Summary of AFVs and Infrastructure

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	2	18	1	1
Propane	38	35	6	33
Electric	4	7	1	7
Total	44	60	8	41

### Achievements

In November 1998, the Portland Clean Cities Coalition and Suburban Propane celebrated the opening of the first propane refueling station in the state of Maine. The station is open to the public and will accept credit cards. The *Portland Press Herald* newspaper covered the event. Suburban and the Portland Clean Cities Coalition shared the cost of installing the station.

### Grants Received

In 1998, the Portland Clean Cities Coalition received an SEP grant for \$20,000 to support the Clean Cities Coordinator.

### Special Projects and Upcoming Events

In 1999, the Portland Clean Cities Coalition plans to host two *Advancing the Choice* AFV events, as well as a breakfast for educating fleet managers about propane vehicles. In addition, the Coalition plans to create their own web site for their activities.

### Original Stakeholders List

67 stakeholders including: Alliance for Transportation Choice; American Lung Association; Autolife Company, Inc.; Bicycle Coalition of Maine; Casco Bay Island Transportation District; Center for Environmental Enterprise; Central Maine Power Company; City of Portland; City of South Portland; City of Westbrook; Coca-Cola Bottling Company; Commercial Properties, Inc.; Convention & Visitors Bureau of Greater Portland; Cumberland County Sheriff's Office; Expantest, Inc.; Goodwill Industries of Northern New England; Greater Portland Chamber of Commerce; Greater Portland Council of Governments; Greater Portland METRO; Hydrogen Opportunities Center; J.J. Nissen Baking Company; Maine Alliance; Maine Audubon; Maine Automobile Association; Maine Central Fleet Management; Maine Department of Environmental Protection; Maine Department of Transportation; Maine Overnight Air Express; Maine Turnpike Authority; MainGas; Merrill's Marine Terminal; Natural Resources Council of Maine; Northern Utilities Inc.; Norton Hardware; Oakhurst Dairy; Peoples Heritage Bank; Portland Area Comprehensive Transportation Committee; Portland International Jetport; Portland Livery Service; Portland Water District; Regional Transportation Program; South Portland Bus Service; Southern Maine Economic Development District; Southern Maine Regional Planning Commission; Southern Maine Technical College; Suburban

## ***Greater Portland Clean Cities Program***

Propane; Sustainable Maine; Thomas Oil Company; Town of Cape Elizabeth; Town of Falmouth; Town of Freeport; Town of Gorham; Town of Naples; Town of New Gloucester; Town of Raymond; Town of Scarborough; Town of Windham; Trainriders Northeast; U.S. Department of Energy; U.S. Environmental Protection Agency; Federal Highway Administration; Federal Transit Administration; U.S. Postal Service; University of Southern Maine; UNUM Life Insurance Company of America; VIP Tour & Charter Bus Company; and Windham School Department.

### **Significant Stakeholders Added Since Designation**

Cumberland County; Delta Air Lines; Portland School Department; and US Airways.

### **Clean Cities Coordinator**

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### **Coalition Web Site**

None at this time.

**Steven Linnell (Coordinator), John McDonough (Portland City Council), and Richard Moorer (DOE) at Portland Designation**



## Metropolitan Baltimore Clean Cities Program

Designation Number	Date	Participating DOE Official
18	October 7, 1994	Peter Fox-Penner, Principal Deputy Assistant Secretary for Energy Efficiency and Renewable Energy

### Summary of AFVs and Infrastructure

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	-	686	-	27
Methanol	-	66	-	2
Ethanol	-	6	-	-
Fuel Unspecified	500	1,042	10	-
<b>Total</b>	<b>500</b>	<b>1,800</b>	<b>10</b>	<b>29</b>

### Achievements

With the support of the Metropolitan Baltimore Clean Cities Coalition (MBCC), the Community Colleges of Baltimore County, Catonsville Campus offers a curriculum of inexpensive non-credit courses for AFV technicians. Recently, the DOE-sponsored National Alternative Fuels Training Program (NAFTP) designated Catonsville as a Regional Training Center, making this the only certified AFV training center in the region.

In October 1998, the MBCC worked with the City of Annapolis, BGE, Chance Motor Coach, Fuel Maker, and other partners to launch "Maryland Energy Efficiency Month" with a day of festivities in Annapolis. The festivities included a celebration of the City's recent acquisition of a CNG trolley bus, and a parade of alternative fuel vehicles from the City's transportation center to the Annapolis City Harbor. As a result of the event, officials of the City of Annapolis, DOE, and the Maryland Energy Administration have begun discussions on making Annapolis a "Clean Transportation City", which would include converting all local transit vehicles to alternative fuels.

In 1998, MBCC coalition members testified and met with legislators to ensure the renewal of AFV tax credit legislation, which was scheduled to expire. Efforts were successful, and the tax credit of up to \$2,000 per vehicle was renewed.

**Peter Fox-Penner (left) and Mayor Kurt Schmoke at the Baltimore Designation**



## ***Metropolitan Baltimore Clean Cities Program***

### **Grants Received**

In 1997, the State of Maryland received a \$50,000 SEP grant to create a uniform card-access system to CNG refueling sites in Maryland. In 1998, the State received a \$110,000 SEP grant to develop a statewide rebate program for private & local government fleets to cover incremental costs of about 27 CNG vehicles. In 1999, the State received an SEP grant of \$180,000 to build up to five ethanol stations.

### **Special Projects and Upcoming Events**

The MBCC plans to open a CNG refueling station in Columbia, MD near Interstate 95 by the end of 1999. In addition, CNG refueling stations are planned for Annapolis and Salisbury.

The MBCC is planning an Advancing the Choice AFV event for October 1999, to showcase the newest AFVs and spotlight AFV programs and initiatives in Maryland.

### **Original Stakeholders List**

Ten stakeholders including: the city of Baltimore; Maryland Energy Administration; Maryland Department of Transportation; Amoco Oil Company; Baltimore Gas and Electric Company; Crown Central Petroleum Corporation; Mid-Atlantic Propane Gas Association; Sun Oil Company; U.S. EPA; U.S. GSA; and U.S. DOE.

### **Significant Stakeholders Added Since Designation**

Apple Ford; Carroll County; Maryland Department of Environment; Maryland - National Capital Park & Planning Commission; U.S. Environmental Protection Agency; U.S. Postal Service; and United Parcel Service.

### **Clean Cities Coordinator**

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### **Coalition Web Site**

<http://www.energy.state.md.us/MEA/ENGPROG/ALTFUELS.HTM>

## ***The Greater Boston Clean Cities Initiative***

The Greater Boston Clean Cities Initiative was the first New England Clean Cities Program.

<b>Designation Number</b>	<b>Date</b>	<b>Participating DOE Official</b>
7	March 18, 1994	Hazel R. O'Leary, Secretary of Energy

### **Summary of AFVs and Infrastructure**

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	-	242	2	11
Propane	-	2	-	1
Electric	-	104	2	19
Fuel Unspecified	450	3	-	1
<b>Total</b>	<b>450</b>	<b>351</b>	<b>4</b>	<b>32</b>

### **Achievements**

The Boston Clean Cities Program supported and funded the development of a simplified model of a compressed natural gas release and dispersion in a parking garage. The study was performed by the Worcester Polytechnic Institute for Fire Safety Studies. Plans were formulated to do a confirmatory test program in a state garage.

The Boston Clean Cities Program assisted in formalizing a mechanism within state government to set up purchase criteria for AFVs.

The Boston Clean Cities Program established an outreach program to cities and towns to participate in AFV procurements subsidized by CMAQ funding.

Legislation was filed in 1998 to provide tax credits in the Commonwealth of Massachusetts for the purchase of alternative fuel vehicles and infrastructure. The bill was passed by the Taxation Committee, but did not get voted on prior to the adjournment of the 1998 legislature. The Governor plans to reintroduce the legislation in 1999.

### **Grants Received**

The State of Massachusetts was awarded \$66,000 from DOE in 1995 to develop an electric vehicle infrastructure program. In 1997, the Boston area was awarded an SEP grant of \$100,000 (shared with New York State) to pay for a CNG bus program. Also in 1997, GRI awarded the Boston area a \$100,000 grant (shared with New York City) for a Clean Urban Transportation Initiative. In 1998, the Boston area was awarded a \$90,000 SEP grant to develop a universal access card system for qualified CNG refueling stations. In 1999, the Boston Clean Cities program was awarded \$19,991 to support the Clean Cities Coordinator. Also in 1999, the Town of Weston (just outside Boston) was awarded \$100,000 in SEP grants to fund a CNG school bus program.

## ***The Greater Boston Clean Cities Initiative***

The Metropolitan Area Planning Council was granted \$15 million in CMAQ funds to carry out the Implementation Plan.

### **Special Projects and Upcoming Events**

Through \$1.6 million in CMAQ funding targeted to municipal and other public fleets, the Boston Clean Cities Coalition will increase the number of AFVs in Massachusetts by at least 160. In conjunction with this increase in vehicles, the Coalition is planning expansion of infrastructure, including new alternative fuel refueling stations in Lexington, Braintree, Quincy, and Danvers.

### **Original Stakeholders List**

Twenty-four stakeholders including: the city of Boston; city of Cambridge; city of Somerville; Metropolitan Area Planning Council; Massachusetts Division of Energy Resources; New England Gas Association; Bay State Gas Company; Boston Gas Company; Colonial Gas Company; Commonwealth Gas Company; Commonwealth Electric Company; Cambridge Electric Light Company; Massachusetts Electric Company; Shell Oil Company; Boston Edison Company; The Massachusetts Executive Office of Transportation and Construction; The Massachusetts Executive Office of Environmental Affairs; The Massachusetts Executive Office of Economic Affairs; The John A. Volpe National Transportation Systems Center; Massport; Northeast States Coordinated Air Use Management; U.S. General Services Administration-Region 1; U.S. EPA-Region 1; and U.S. DOE.

### **Significant Stakeholders Added Since Designation**

AAA Auto Club of Massachusetts; American Lung Association; Central Massachusetts Regional Planning Commission; City of Lowell; City of Worcester; Commonwealth of Massachusetts; Ford Motor Company; General Motors Corporation; Greater Boston Chamber of Commerce; Independent Oil Marketers Association of New England; Massachusetts Bay Community College; Massachusetts Turnpike Authority; Merrimack Valley Planning Committee; NE Alternative Vehicle Consortium; Northeast Sustainable Energy Association; and Northern Middlesex Council of Governments.

### **Clean Cities Coordinator**

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### **Coalition Web Site**

<http://www.mapc.org>

## Ann Arbor Clean Cities Program

Designation Number	Date	Participating DOE Official
69	April 19, 1999	Thomas Gross, Deputy Assistant Secretary for Transportation Technologies

### Summary of AFVs and Infrastructure

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	18	158	9	15
LNG	-	-	1	1
Propane	-	-	5	5
Electric	7	20	-	4
Total	25	178	15	25

### Achievements

MichCon has played a critical role in the development of the coalition from the very beginning, particularly in planning and financing refueling infrastructure. MichCon currently operates 10 bi-fuel and eight dedicated natural gas vehicles and offers bi-fuel conversions at its Ann Arbor facility. It has already installed two local refueling stations, and also has an agreement with Meijer Stores to install public CNG fast-fill pumps at its present on-site gas stations.

A number of organizations provide assistance to the Ann Arbor Clean Cities Program. Michigan Department of Environmental Quality and the Ecology Center, which offers an alternative fuel transportation education module to high schools, assist the coalition with its public education efforts. Michigan Department of Consumer and Industry Services provided start up funds for the coalition to survey area organizations to determine interest and resource availability, develop a program plan, and hold meetings.

#### Ann Arbor Stakeholders



### Grants Received

In 1997, the Ann Arbor area received a \$50,000 SEP grant to enable construction of two fast-fill and two slow-fill CNG stations, which enabled the purchase of 9 CNG vehicles.

### Special Projects and Upcoming Events

The City of Ann Arbor has begun to convert its fleet to alternative fuels, and will have nearly 40 CNG vehicles and two EVs by the year 2002.



## ***Ann Arbor Clean Cities Program***

Ann Arbor Transit Authority plans for a total of 21 CNG buses and 20 additional light duty CNG vehicles by the year 2002.

Ann Arbor Public Schools plans to operate 63 CNG vehicles by the year 2002. Plans are also underway to install a slow-fill CNG station for use by Ann Arbor Public School vehicles.

### **Original Stakeholders List**

Fourteen stakeholders including: Ann Arbor Ecology Center; Ann Arbor Energy Commission; Ann Arbor Public School System; Ann Arbor Public Transportation Authority; City of Ann Arbor; Detroit Edison; Eastern Michigan University; Michigan Consolidated Gas Company (MichCon); Michigan Department of Environmental Quality; Michigan Public Service Commission; U.S. Department of Energy; U.S. Environmental Protection Agency; University of Michigan; and Washtenaw County.

### **Significant Stakeholders Added Since Designation**

None at this time.

### **Clean Cities Coordinator**

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### **Coalition Web Site**

None at this time.



***Detroit-Toronto Clean Cities Corridor***

Designation Number	Date	Participating DOE Official
52	December 18, 1996	Thomas J. Gross, Deputy Assistant Secretary, Transportation Technologies

**Summary of AFVs and Infrastructure**

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
<b>United States</b>				
CNG	-	370	-	19
Propane	-	24	-	-
Methanol	-	5	-	-
Ethanol	-	440	-	-
Electric	-	90	-	54
Fuel Unspecified	5,000	-	300	-
<b>Total</b>	<b>5,000</b>	<b>929</b>	<b>300</b>	<b>73</b>
<b>Canada</b>				
CNG	15,000	15,410	60	60
Propane	45,000	45,000	440	440
<b>Total</b>	<b>60,000</b>	<b>60,410</b>	<b>500</b>	<b>500</b>

**Achievements**

In 1998, the Detroit/Toronto Clean Cities Coalition worked with Detroit City Airport to encourage them to use AFVs in their fleets.

In 1998, the Detroit Police Department and Ford Motor Company teamed up to hold the first “green” Halloween. Seventy-five Detroit-area children were shuttled to the city’s Halloween Kid Crawl in CNG-powered Ford Club Wagon vans. The vans carried the children to various police districts in Detroit, where they were greeted by police officers with candy and other treats. Ford Motor Company donated toy trucks modeled after the CNG F-Series pickup, as well as “car cookies” and recycled plastic trick-or-treat bags.

Ford Motor Company has partnered with a Detroit-area community-based organization, EZ-Rides, to provide a flexible transportation option for former welfare recipients. The initiative, called “Green Rides”, began in December 1998 with a fleet of 13 CNG Ford Club Wagon vans to shuttle an estimated 35,000 people from their homes to their workplaces and back. The initiative is designed to provide a more flexible alternative to the current mass transit system.

***Detroit-Toronto Clean Cities Corridor*****Grants Received**

In 1997, the Detroit area received an SEP grant of \$50,000 to install a CNG station and introduce 67 CNG vehicles into the Eastern Michigan University fleet.

**Special Projects and Upcoming Events**

The Coalition will be focusing on targets of opportunity in and around Detroit, including Detroit Metropolitan Airport and the casinos.

**Original Stakeholders List**

Twenty-eight stakeholders including (for the U.S.): the City of Detroit; ANR Pipeline; Chrysler Corporation; Consumers Power; Corn Marketing Program of Michigan; Cummins Engine Company; Detroit Diesel Corporation; Detroit Edison; Ford Motor Company; General Motors Corporation; Michigan Consolidated Gas; Michigan Department of Consumer and Industry Services; Michigan Propane Gas Association; Southeastern Michigan Gas; Southeast Michigan Council of Governments; U.S. Department of Energy; and U.S. General Services Administration; (for Canada) the City of Toronto; Chrysler Canada; Consumers Gas; Ford Motor Company of Canada, Ltd.; General Motors of Canada, Ltd.; GFI Control Systems, Inc.; Natural Resources Canada; Ontario Hydro; Shell Canada Products, Ltd.; Superior Propane; and Union Gas, Ltd.

**Significant Stakeholders Added Since Designation**

Eastern Michigan University; Federal Express Corporation; and Michigan State University.

**Clean Cities Coordinator**U.S. Coordinator

Cindy Walczak, Clean Cities Coordinator

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Canadian Coordinator

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**Coalition Web Site**

None at this time.

## Kansas City Regional Clean Cities Program

Designation Number	Date	Participating DOE Official
67	November 18, 1998	Brian Castelli, Chief of Staff for Energy Efficiency and Renewable Energy

### Summary of AFVs and Infrastructure

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	80	219	2	7
Propane	32	349	24	30
Ethanol	197	601	3	3
Electric	1	10	1	1
<b>Total</b>	<b>310</b>	<b>1,179</b>	<b>30</b>	<b>41</b>

### Achievements

The Kansas City Regional Clean Cities Coalition was designated in November 1998 in a ceremony at the downtown Kansas City airport. The event was attended by several hundred people, and vendor booths featured stakeholder products, technologies, and vehicles. The Mid-America Regional Council showcased its mobile emissions testing unit. The event was well covered by the local media.

### Grants Received

In 1997, the Kansas City region received an SEP grant of \$50,000 to cover personnel and administrative costs for the Kansas City Regional Clean Cities Program.

### Special Projects and Upcoming Events

In 1999, the Kansas City Regional Clean Cities Coalition plans to add three or four CNG refueling sites in the state of Kansas, and will be planning CNG sites in Missouri as well. The Coalition will also be working to prepare and obtain support for AFV legislation in Missouri.

### Original Stakeholders List

Sixty-five stakeholders including: AG Environmental Products; Black & Veatch; Blue Valley Goodyear; Board of Public Utilities; City of Belton; City of Blue Springs; City of Gladstone; City of Grandview; City of Independence; City of Kansas City; City of Kansas City Aviation Department; City of Kansas City Water Department; City of Leavenworth; City of Lee's Summit; City of Lenexa; City of Liberty; City of North Kansas City; City of Olathe; City of Overland Park; City of Prairie Village; County of Clay; County of Jackson; County of Platte; Deffenbaugh Industries; Farmland Industries, Inc.; Ferrellgas Company; Guy's Food Inc.; Hallmark Cards Inc.; Jackson County Parks & Recreation Department; Jackson County Public Works Department; Johnson County Environmental Department; Johnson County Public Works

## ***Kansas City Regional Clean Cities Program***

Department; Kansas City Power & Light Company; Kansas Corn Growers & Sorghum Producers Ass'n; Kansas Corporation Commission; Kansas Gas Service Company; Leavenworth County Public Works; MARC IV Consulting Inc.; Marcus Allen Broadway Ford; Metropolitan Energy Center; Mid America Regional Council; Midwest Hanger Company; Missouri Corn Growers Association; Missouri Department of Natural Resources; Missouri Department of Transportation; Missouri Division of Energy; Missouri Division of State Parks; Missouri Gas Energy Company; National Association of Fleet Administrators; National Biodiesel Board; North Kansas City Public Works; Olathe Ford Company; Prestige Ford Company; Southwestern Bell Telephone; Sprint Communications; State Avenue Goodyear; State of Kansas Department of Health & Environment; Thermogas Company; U.S. Department of Energy; U.S. Environmental Protection Agency; U.S. General Services Administration; U.S. Postal Service; Unified Government of Wyandotte County; United Parcel Service; and University of Kansas.

**Kansas City Coordinator Benjamin Watson (left) with Michael Boothe of the Johnson County (KS) Environmental Dept. and Jennifer Logan of Kansas City (MO) Air Quality**



### **Significant Stakeholders Added Since Designation**

Alamo Car Rental; City of Manhattan; Federal Express; Greater Kansas City Chamber of Commerce; Kansas City Area Transportation Authority; Kansas State University; KCI Shuttle; Mid-America Truck Center; Missouri Department of Community Affairs; Missouri Department of Urban Affairs; National Ethanol Vehicle Coalition; Propane Gas Marketer's Association; State of Kansas Governor's Office; The Kansas City Star; Thrifty Car Rental; University of Missouri Kansas City; and Yellow Cab.

### **Clean Cities Coordinator**

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### **Coalition Web Site**

None at this time.

## St Louis Clean Cities Program

Designation Number	Date	Participating DOE Official
29	November 18, 1994	Thomas J. Gross, Deputy Assistant Secretary, Office of Transportation Technologies

### Summary of AFVs and Infrastructure

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	50	329	3	13
Propane	450	70	135	5
Ethanol	-	570	-	1
Fuel Unspecified	-	1	-	-
Total	500	970	138	19

### Achievements

The Bi-State Development Agency, which is the local transit provider, has 38 CNG buses in its transit fleet, and a CNG refueling station was built in 1996 to refuel these vehicles.

In 1996, the St. Louis Regional Clean Cities Coalition, along with Laclede Gas Venture Corporation and Shell Oil Company, celebrated the opening of the first public-access CNG refueling site in the area. The dedication ceremony included the Governor of Missouri and the Mayor of St. Louis.

The St. Louis Regional Clean Cities Coalition is a major player in the local Earth Day celebrations each year. The Coalition takes the opportunity on Earth Day to meet with the general public and present displays on AFVs.

### Grants Received

In 1998, the St. Louis area received an SEP grant of \$100,000 to develop a CNG refueling station for the St. Louis airport.

### Special Projects and Upcoming Events

The St. Louis Regional Clean Cities Coalition will be working with the St. Louis airport to implement a CNG refueling station project at the airport. They will also be working to accommodate fleets at the airport that could use CNG vehicles in their operations.

### Original Stakeholders List

Thirty-six stakeholders including: the city of St. Louis; city of St. Peters; city of O'Fallon, MO.; St. Louis County; Missouri Department of Natural Resources; Missouri Highway and Transportation Department; Bi-State Development Agency; East-West Gateway Coordinating Council; St. Louis County Municipal League; American Automobile Manufacturers Association; Automotive Service Association; Bowgen Fuel Systems; Broadway Ford; CFI, Inc.; Cummins Engine Company; Illinois Corn Growers Association; Illinois Power Company; Laclede Gas Company; Lohr Distribution; McDonnell Douglas Corporation; MFA Oil Company;

## ***St Louis Clean Cities Program***

Mississippi River Transmission Corporation; Missouri Corn Merchandising Council; National Association of Fleet Administrators; National Biodiesel Board; National Corn Growers Association; National Fuel Systems; Phillips 66 Propane; Ranken Technical College; Reliance Automotive; St. Louis Auto Auction; Union Electric Company; U.S. EPA; U.S. GSA; and U.S. DOE.

### **Significant Stakeholders Added Since Designation**

American Lung Association; City of Washington; Illinois Department of Transportation; Laidlaw Waste Systems; Scott Air Force Base; and Thrifty Rental Car.

### **Clean Cities Coordinator**

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### **Coalition Web Site**

None at this time.

**AFVs on Display in Downtown St. Louis at the First National Clean Cities Conference**



**Missoula Clean Cities Program**

Designation Number	Date	Participating DOE Official
39	September 21, 1995	John Russell, Director, Office of Transportation Technologies

**Summary of AFVs and Infrastructure**

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	18	33	1	4
Propane	166	230	3	4
Total	184	263	4	8

**Achievements**

In January 1997, a CNG refueling station operated by Montana Power was placed into service. This was the first public CNG station in the area.

The Missoula Clean Cities Coalition was instrumental in obtaining funding for bicycle and foot paths throughout the City of Missoula.

**Grants Received**

None to date.

**Special Projects and Upcoming Events**

The Missoula Clean Cities Coalition will be working on a comprehensive Transportation Plan, which will include an extensive bicycle and pedestrian network throughout the city.

**Original Stakeholders List**

Sixteen stakeholders including: the city of Missoula; county of Missoula; Missoula Urban Transportation District; Missoula City-County Health Department; Montana Department of Environmental Quality; University of Montana; U.S. Department of Agriculture-Forest Service; AmeriGas; City Service; Hellgate Transportation; Hi-Noon Petroleum; Missoula Electric Cooperative, Inc; Montana Power Company; Mountain Goat Couriers; Yellow Cab, Inc.; U.S. Postal Service; and U.S. DOE.

**Significant Stakeholders Added Since Designation**

City of Missoula Bicycle/Pedestrian Program.

**Clean Cities Coordinator**

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## *Missoula Clean Cities Program*

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### Coalition Web Site

None at this time.

**Mountain Goat Courier CNG Van**



## Omaha Area Clean Cities Program

Designation Number	Date	Participating DOE Official
66	September 18, 1998	Brian Castelli, Chief of Staff for Energy Efficiency and Renewable Energy

### Summary of AFVs and Infrastructure

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	48	85	3	5
Propane	16	12	12	20
Ethanol	307	514	5	12
Electric	-	2	1	-
Fuel Unspecified	-	3	-	-
<b>Total</b>	<b>371</b>	<b>616</b>	<b>21</b>	<b>37</b>

### Achievements

The Omaha Area Clean Cities Coalition was designated in September 1998. The Mayor of Omaha and the Governor of Nebraska both gave remarks and local media covered the event. A large number of alternative fuel vehicles were on display at the event, and many alternative fuel vendors were on hand with booths.

During its organization in 1997 and 1998, the Omaha Area Clean Cities Coalition established three new ethanol refueling stations and worked with state and city officials to get placement of alternative fuel signs on the Interstates and "trail blazer" signs in Omaha and Lincoln directing drivers to the refueling sites.

#### Omaha's Designation Ceremony



### Grants Received

In 1999, the Omaha area received an SEP grant of \$42,800 to use oxydiesel (a blend of ethanol and diesel fuel) in ten transit buses.

### Special Projects and Upcoming Events

The Omaha Area Clean Cities Coalition is planning events in Omaha at the U.S. Postal Service office downtown and at an ethanol refueling station nearby. The events will commemorate the arrival of the first 100 ethanol Postal Service trucks to be deployed in Omaha. The Coalition will be working with the Postal Service to develop additional ethanol infrastructure as well.

## *Omaha Area Clean Cities Program*

### Original Stakeholders List

Thirty-seven stakeholders including: AG Processing Inc.; Bellevue Public Schools; City of Bellevue; City of Omaha; City of Ralston; Cox Cable; Creighton University; Metropolitan Area Transit Authority; Metropolitan Utilities District; Midlands Rental & Machinery; Millard Public Schools; Nebraska Association of Transportation Providers; Nebraska Corn Board; Nebraska Department of Administrative Services; Nebraska Department of Aeronautics; Nebraska Department of Education; Nebraska Department of Environmental Quality; Nebraska Department of Roads; Nebraska Energy Office; Nebraska Ethanol Board; Nebraska Grain Sorghum Board; Nebraska Petroleum Marketers Association; Nebraska Propane Gas Association; Nebraska Soybean Board; Omaha Airport Authority; Omaha Chamber of Commerce; Omaha Public Power District; Omaha Public Schools; Omaha-Council Bluffs Metro Area Planning Agency; Peoples Natural Gas-Utilicorp; Ralston Public Schools; Sarpy County; U.S. Department of Energy; U.S. Postal Service; U.S. West Communications Inc.; United Parcel Service; and Westside Community Schools.

### Significant Stakeholders Added Since Designation

None at this time.

### Clean Cities Coordinator

John Van Pelt, Clean Cities Coordinator  
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### Coalition Web Site

None at this time.

**Las Vegas Clean Cities Program**

Designation Number	Date	Participating DOE Official
5	October 18, 1993	Frank Stewart, Acting Assistant Secretary, Energy Efficiency and Renewable Energy

**Summary of AFVs and Infrastructure**

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	-	3,400	-	12
Fuel Unspecified	362	2	3	-
Total	362	3,402	3	12

**Achievements**

McCarran International Airport in Las Vegas received three 34-passenger natural gas shuttle buses in 1998. These buses will be used to shuttle travelers between terminals. Three additional buses will be delivered in 1999.

During 1998, about 250 OEM natural gas vehicles were delivered to fleets in the Las Vegas area. Las Vegas area fleets used an average of over 100,000 gasoline gallon equivalents of natural gas per month in 1998.

Las Vegas area fleets operate a significant number of alternative fuel vehicles, including the Regional Transportation Commission with 120 CNG paratransit shuttle buses, and the City of Las Vegas with 12 CNG street sweepers.

The Las Vegas Valley Water District approved \$500,000 in 1998 for construction of a natural gas refueling station for their West Charleston operations center. This station will be completed during 1999.

**Grants Received**

In 1995, the Las Vegas area was awarded a Notice of Program Interest (NOPI) Grant of \$75,000 to make incentives available to private fleet owners to purchase a total of 25 AFVs. In 1996, Nevada was awarded an SEP grant of \$500,000 to construct two CNG/LNG refueling stations on the I-15/I-80 corridor between Las Vegas and Reno, and convert about 43 vehicles to CNG.

The City of Las Vegas was awarded \$140,000 from DOE to purchase six compressed natural gas (CNG) fueled street sweepers.

**Special Projects and Upcoming Events**

Over the next few years, the Las Vegas Clean Cities Coalition plans to expand its focus beyond CNG to other alternative fuels, such as LNG, hydrogen, propane, and electricity.

## *Las Vegas Clean Cities Program*

### Original Stakeholders List

Twenty-four stakeholders including: the Center for Environmental Studies; city of Boulder City; city of Las Vegas, Clark County; Clark County Economic Opportunity Board; Clark County Health District; Las Vegas Metropolitan Police Department; Nellis Air Force Base; Prime Cable; Scripps Consulting Group; State of Nevada; University of Nevada-Las Vegas; Car Doctor; city of Henderson; city of North Las Vegas; Clark County Regional Transit Commission; Clark County Sanitation District; FleetStar Inc.; Las Vegas Convention Authority; Las Vegas Water District; Southwest Gas Company; University of Las Vegas; U.S. GSA; and U.S. DOE.

### Significant Stakeholders Added Since Designation

None.

### Clean Cities Coordinator

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### Coalition Web Site

[http://www.ci.las-vegas.nv.us/city\\_of\\_las\\_vegas\\_is\\_doing\\_to\\_he.htm](http://www.ci.las-vegas.nv.us/city_of_las_vegas_is_doing_to_he.htm)

**North Jersey Clean Cities Program**

Designation Number	Date	Participating DOE Official
60	October 30, 1997	Thomas Gross, Deputy Assistant Secretary for Transportation Technologies

**Summary of AFVs and Infrastructure**

<i>Fuel Type</i>	<i>AFVs at Designation</i>	<i>Projected AFVs in 2000</i>	<i>Infrastructure at Designation</i>	<i>Projected Infrastructure in 2000</i>
CNG	1,072	2,710	31	33
Propane	58	262	21	23
Ethanol	-	267	-	-
Electric	26	6	1	2
Total	1,156	3,245	53	58

**Achievements**

In 1998, New Jersey Transit (a North Jersey stakeholder) completed a CNG refueling station at their Howell Street Bus Garage. This refueling station will serve a fleet of 50 custom-made CNG long-range buses, the first of which was delivered in 1998.

In 1998, the New Jersey Department of Transportation (a North Jersey stakeholder) implemented a program called "Project: Power Commute". This project will provide electric vehicles as shuttles to transport commuters from train stations to their offices and back to the stations. Morristown (in the North Jersey Clean Cities area) is the first project location and will use Solectria Force electric sedans.

**Grants Received**

In 1995, the cities of Trenton, Newark, and Jersey City received a NOPI grant of \$68,000 to perform a variety of training and vehicle/infrastructure purchase activities. In 1997, the North Jersey area received an SEP grant of \$49,000 to install a propane refueling station and five Fuelmaker CNG refueling appliances, enabling the conversion of 6 pickups to propane and the purchase of 5 CNG Ford Contours. In 1999, the area received a \$68,000 SEP grant to convert or purchase an unspecified number of CNG and propane vehicles.

**Special Projects and Upcoming Events**

The North Jersey Clean Cities Coalition will be holding an *Advancing the Choice* AFV event and a National Alternative Fuels Training Program event in September 1999.

The New Jersey State Government fleet will be purchasing approximately 410 new light-duty alternative fuel vehicles in 1999, including 102 dedicated CNG sedans. The New Jersey state purchasing contract includes 19 different alternative fuel vehicle models.

## *North Jersey Clean Cities Program*

### Original Stakeholders List

Twenty-seven stakeholders including: Air and Gas Technologies; Bergen County; Central Jersey Propane, Inc., T/A Ace Gas Company; City of Elizabeth; City of Jersey City; City of Newark; Collective Consulting International, Inc.; Community Medical Center; Elizabethtown Gas Company/NUI; Gary's Propane; Info Design, Inc.; MC RIDES; Motors Fleet Management; New Jersey Board of Public Utilities; New Jersey Department of Environmental Protection; New Jersey Department of Transportation; New Jersey Department of Treasury; New Jersey Natural Gas Company; New Jersey Propane Gas Association; New Jersey Transit Corporation; North Bergen Township; Port Authority of New York and New Jersey; Pro Energy Corporation; Public Service Electric and Gas Company; U.S. Department of Energy; U.S. Environmental Protection Agency; and U.S. Postal Service.

**North Jersey Stakeholders**



### Significant Stakeholders Added Since Designation

American Lung Association; Brookdale Community College; Ford Motor Company; Passaic County; Solectria Corporation; Suburban Propane; Township of Berkeley Heights; Township of Ocean; and United Parcel Service.

### Clean Cities Coordinator

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### Coalition Web Site

None at this time.